

Abstract

[0046] A method and Packet Data Service Node (PDSN) for using traffic classes to define a Quality of Service (QoS) of a data session. The PDSN receives from an Authentication, Authorization, and Accounting (AAA) server a message comprising a QoS traffic class, and translates the QoS traffic class into at least one CDMA2000 QoS attribute using a mapping table storing correspondence between QoS traffic classes and CDMA2000 QoS attributes. The PDSN establishes a data session for the subscriber using the CDMA2000 QoS attribute. For example, a Mobile Node (MN) may request establishment of an auxiliary service instance with a requested CDMA2000 QoS attribute and, upon receipt of the request, the PDSN determines if the requested CDMA2000 QoS attribute is allowed using the CDMA2000 QoS attribute and, if allowed, sets-up the auxiliary service instance with a QoS that corresponds to the requested CDMA2000 QoS attribute.